WEST Search History

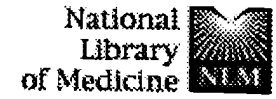
Hide Items | Restore | Clear | Cancel

DATE: Friday, April 09, 2004

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ		
☐	L21	L19 AND L20	102
☐	L20	amyloid precursor protein OR APP	138499
☐	L19	(ABC transporter)	659
☐	L18	L17 AND amyloid precursor protein	4
☐	L17	L16 AND ABC transporter	130
☐	L16	(530/300,350.CCLS.)	15837
☐	L15	L14 AND amyloid precursor protein	5
☐	L14	L13 NOT Rosen-Craig.IN.	153
☐	L13	L12 AND ABC transporter	153
☐	L12	(435/7.2,7.21,325.CCLS.)	18293
☐	L11	L10 AND ABC transporter	24
☐	L10	514/1,2.CCLS.	6796
☐	L9	Pollard-M.IN.	8
☐	L8	Pollard-Michelle.IN.	2
☐	L7	Pollard.IN.	1621
☐	L6	Connop-B.IN.	0
☐	L5	Connop-Bruce.IN.	0
☐	L4	Connop.IN.	21
☐	L3	Reiner-P.IN.	4
☐	L2	Reiner-Peter.IN.	0
☐	L1	(Reiner.IN.)	8326

END OF SEARCH HISTORY

h e b b cg b chh e b f e ch e c ch



Display Summary Show: 500 Sort Send to Text

Items 1-6 of 6 One page.

1: Sun Y, Yao J, Kim TW, Tall AR. Related Articles, Links

Expression of liver X receptor target genes decreases cellular amyloid beta peptide secretion.
J Biol Chem. 2003 Jul 25;278(30):27688-94. Epub 2003 May 16.
PMID: 12754201 [PubMed - indexed for MEDLINE]

2: Koldamova RP, Lefterov IM, Ikonomovic MD, Skoko J, Lefterov PI, Isanski BA, DeKosky ST, Lazo JS. Related Articles, Links

22R-hydroxycholesterol and 9-cis-retinoic acid induce ATP-binding cassette transporter A1 expression and cholesterol efflux in brain cells and decrease amyloid beta secretion.
J Biol Chem. 2003 Apr 11;278(15):13244-56. Epub 2003 Jan 22.
PMID: 12547833 [PubMed - indexed for MEDLINE]

3: Lam FC, Liu R, Lu P, Shapiro AB, Renoir JM, Sharom FJ, Reiner PB. Related Articles, Links

beta-Amyloid efflux mediated by p-glycoprotein.
J Neurochem. 2001 Feb;76(4):1121-8.
PMID: 11181832 [PubMed - indexed for MEDLINE]

4: Masliah E, Alford M, Mallory M, Rockenstein E, Moechars D, Van Leuven F. Related Articles, Links

Abnormal glutamate transport function in mutant amyloid precursor protein transgenic mice.
Exp Neurol. 2000 Jun;163(2):381-7.
PMID: 10833311 [PubMed - indexed for MEDLINE]

5: Masliah E, Mallory M, Alford M, Tanaka S, Hansen LA. Related Articles, Links

Caspase dependent DNA fragmentation might be associated with excitotoxicity in Alzheimer disease.
J Neuropathol Exp Neurol. 1998 Nov;57(11):1041-52.
PMID: 9825941 [PubMed - indexed for MEDLINE]

6: Li S, Mallory M, Alford M, Tanaka S, Masliah E. Related Articles, Links

Glutamate transporter alterations in Alzheimer disease are possibly associated with abnormal APP expression.
J Neuropathol Exp Neurol. 1997 Aug;56(8):901-11.
PMID: 9258260 [PubMed - indexed for MEDLINE]

Display Summary Show: 500 Sort Send to Text

Items 1-6 of 6 One page.

h cb h g e e e fcg e ch b e

h cb h g e e e fcg e ch b e

NCBI PubMed National Library of Medicine NLM

Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Boo

Search PubMed for ABC transporter AND APP Go Clear

Limits Preview/Index History Clipboard Details

About Entrez

Display Summary Show: 500 Sort Send to Text

Items 1-21 of 21 One page.

Text Version

Entrez PubMed
Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services
Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
LinkOut
Cubby

Related Resources
Order Documents
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

Privacy Policy

1: Sun Y, Yao J, Kim TW, Tall AR. Related Articles, Links

Expression of liver X receptor target genes decreases cellular amyloid beta peptide secretion.
J Biol Chem. 2003 Jul 25;278(30):27688-94. Epub 2003 May 16.
PMID: 12754201 [PubMed - indexed for MEDLINE]

2: Karyekar CS, Fasano A, Raje S, Lu R, Dowling TC, Eddington ND. Related Articles, Links

Zonula occludens toxin increases the permeability of molecular weight markers and chemotherapeutic agents across the bovine brain microvessel endothelial cells.
J Pharm Sci. 2003 Feb;92(2):414-23.
PMID: 12532391 [PubMed - indexed for MEDLINE]

3: Chen ZS, Hopper-Borge E, Belinsky MG, Shchaveleva I, Kotova E, Kruh GD. Related Articles, Links

Characterization of the transport properties of human multidrug resistance protein 7 (MRP7, ABCC10).
Mol Pharmacol. 2003 Feb;63(2):351-8.
PMID: 12527806 [PubMed - indexed for MEDLINE]

4: Mahar Doan KM, Humphreys JE, Webster LO, Wring SA, Shampine LJ, Serabjit-Singh CJ, Adkison KK, Polli JW. Related Articles, Links

Passive permeability and P-glycoprotein-mediated efflux differentiate central nervous system (CNS) and non-CNS marketed drugs.
J Pharmacol Exp Ther. 2002 Dec;303(3):1029-37.
PMID: 12438524 [PubMed - indexed for MEDLINE]

5: Maeng HJ, Yoo HJ, Kim IW, Song IS, Chung SJ, Shim CK. Related Articles, Links

P-glycoprotein-mediated transport of berberine across Caco-2 cell monolayers.
J Pharm Sci. 2002 Dec;91(12):2614-21.
PMID: 12434406 [PubMed - indexed for MEDLINE]

6: Deferme S, Mols R, Van Driessche W, Augustijns P. Related Articles, Links

Apricot extract inhibits the P-gp-mediated efflux of talinolol.
J Pharm Sci. 2002 Dec;91(12):2539-48.
PMID: 12434397 [PubMed - indexed for MEDLINE]

7: Chen W, Yang JZ, Andersen R, Nielsen LH, Borchardt RT. Related Articles, Links

Evaluation of the permeation characteristics of a model opioid peptide, H-Tyr-D-Ala-Gly-Phe-D-Leu-OH (DADLE), and its cyclic prodrugs across the blood-brain barrier using an in situ perfused rat brain model.
J Pharmacol Exp Ther. 2002 Nov;303(2):849-57.
PMID: 12388672 [PubMed - indexed for MEDLINE]

8: Gutmann H, Bruggisser R, Schaffner W, Bogman K, Botomino A, Drewe J. Related Articles, Links

h cb hg e e e fcg e ch b e

Transport of amentoflavone across the blood-brain barrier in vitro.
Planta Med. 2002 Sep;68(9):804-7.
PMID: 12357391 [PubMed - indexed for MEDLINE]

9: Stephens RH, O'Neill CA, Bennett J, Humphrey M, Henry B, Rowland M, Warhurst G. Related Articles, Links

Resolution of P-glycoprotein and non-P-glycoprotein effects on drug permeability using intestinal tissues from mdr1a (-/-) mice.
Br J Pharmacol. 2002 Apr;135(8):2038-46.
PMID: 11959808 [PubMed - indexed for MEDLINE]

10: Tamura S, Ohike A, Ibuki R, Amidon GL, Yamashita S. Related Articles, Links

Tacrolimus is a class II low-solubility high-permeability drug: the effect of P-glycoprotein efflux on regional permeability of tacrolimus in rats.
J Pharm Sci. 2002 Mar;91(3):719-29.
PMID: 11920757 [PubMed - indexed for MEDLINE]

11: Mehdi K, Thierie J, Penninckx MJ. Related Articles, Links

gamma-Glutamyl transpeptidase in the yeast Saccharomyces cerevisiae and its role in the vacuolar transport and metabolism of glutathione.
Biochem J. 2001 Nov 1;359(Pt 3):631-7.
PMID: 11672438 [PubMed - indexed for MEDLINE]

12: Polli JW, Wring SA, Humphreys JE, Huang L, Morgan JB, Webster LO, Serabjit-Singh CS. Related Articles, Links

Rational use of in vitro P-glycoprotein assays in drug discovery.
J Pharmacol Exp Ther. 2001 Nov;299(2):620-8.
PMID: 11602674 [PubMed - indexed for MEDLINE]

13: Braun A, Hammerle S, Suda K, Rothen-Rutishauser B, Gunthert M, Kramer SD, Wunderli-Allenspach H. Related Articles, Links

Cell cultures as tools in biopharmacy.
Eur J Pharm Sci. 2000 Oct;11 Suppl 2:S51-60. Review.
PMID: 11033427 [PubMed - indexed for MEDLINE]

14: Masliah E, Alford M, Mallory M, Rockenstein E, Moechars D, Van Leuven F. Related Articles, Links

Abnormal glutamate transport function in mutant amyloid precursor protein transgenic mice.
Exp Neurol. 2000 Jun;163(2):381-7.
PMID: 10833311 [PubMed - indexed for MEDLINE]

15: Walle UK, Walle T. Related Articles, Links

Transport of the cooked-food mutagen 2-amino-1-methyl-6-phenylimidazo-[4,5-b]pyridine (PhIP) across the human intestinal Caco-2 cell monolayer: role of efflux pumps.
Carcinogenesis. 1999 Nov;20(11):2153-7.
PMID: 10545419 [PubMed - indexed for MEDLINE]

16: Koide A, Perego M, Hoch JA. Related Articles, Links

ScoC regulates peptide transport and sporulation initiation in Bacillus subtilis.
J Bacteriol. 1999 Jul;181(13):4114-7.
PMID: 10383984 [PubMed - indexed for MEDLINE]

17: Masliah E, Mallory M, Alford M, Tanaka S, Hansen LA. Related Articles, Links

Caspase dependent DNA fragmentation might be associated with excitotoxicity in Alzheimer disease.
J Neuropathol Exp Neurol. 1998 Nov;57(11):1041-52.

h cb h g e e e fcg e ch b e

PMID: 9825941 [PubMed - indexed for MEDLINE]

18: Saha P, Yang JJ, Lee VH. Related Articles, Links

Existence of a p-glycoprotein drug efflux pump in cultured rabbit conjunctival epithelial cells.
Invest Ophthalmol Vis Sci. 1998 Jun;39(7):1221-6.
PMID: 9620082 [PubMed - indexed for MEDLINE]

19: Li S, Mallory M, Alford M, Tanaka S, Masliah E. Related Articles, Links

Glutamate transporter alterations in Alzheimer disease are possibly associated with abnormal APP expression.
J Neuropathol Exp Neurol. 1997 Aug;56(8):901-11.
PMID: 9258260 [PubMed - indexed for MEDLINE]

20: Loe DW, Almquist KC, Cole SP, Deeley RG. Related Articles, Links

ATP-dependent 17 beta-estradiol 17-(beta-D-glucuronide) transport by multidrug resistance protein (MRP). Inhibition by cholestatic steroids.
J Biol Chem. 1996 Apr 19;271(16):9683-9.
PMID: 8621644 [PubMed - indexed for MEDLINE]

21: Loe DW, Almquist KC, Deeley RG, Cole SP. Related Articles, Links

Multidrug resistance protein (MRP)-mediated transport of leukotriene C4 and chemotherapeutic agents in membrane vesicles. Demonstration of glutathione-dependent vincristine transport.
J Biol Chem. 1996 Apr 19;271(16):9675-82.
PMID: 8621643 [PubMed - indexed for MEDLINE]

Display Summary Show: 500 Sort Send to Text

Items 1-21 of 21 One page.

h cb hg e e e fcg e ch b e

```
Connecting via Winsock to STN
Welcome to STN International!  Enter x:x
* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *
* * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:09:07 ON 09 APR 2004

=> file BIOSCIENCE
FILE 'ADISCTI' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISINSIGHT' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISNEWS' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'AGRICOLA' ENTERED AT 09:09:28 ON 09 APR 2004

FILE 'ANABSTR' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (c) 2004 THE ROYAL SOCIETY OF CHEMISTRY (RSC)

FILE 'AQUASCI' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved.

FILE 'BIOBUSINESS' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Biological Abstracts, Inc. (BIOSIS)

FILE 'BIOCOMMERCE' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 BioCommerce Data Ltd. Richmond Surrey, United Kingdom. All rights reserved

FILE 'BIOSIS' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOTECHNO' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'CABA' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 CAB INTERNATIONAL (CABI)

FILE 'CANCERLIT' ENTERED AT 09:09:28 ON 09 APR 2004

FILE 'CAPLUS' ENTERED AT 09:09:28 ON 09 APR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CEABA-VTB' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (c) 2004 DECHEMA eV

FILE 'CEN' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CIN' ENTERED AT 09:09:28 ON 09 APR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CONFSCI' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'CROPB' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'CROPU' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DISSABS' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved.

FILE 'DGENE' ENTERED AT 09:09:28 ON 09 APR 2004
```

COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGB' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGMONOG2' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'IMSDRUGNEWS' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'DRUGU' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'IMSRESEARCH' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'EMBAL' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'EMBASE' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'ESBIOBASE' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'FEDRIP' ENTERED AT 09:09:28 ON 09 APR 2004

FILE 'FOMAD' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FOREGE' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FROSTI' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FSTA' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 International Food Information Service

FILE 'GENBANK' ENTERED AT 09:09:28 ON 09 APR 2004

FILE 'HEALSAFE' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'IFIPAT' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 IFI CLAIMS(R) Patent Services (IFI)

FILE 'IMSPRODUCT' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'JICST-EPLUS' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Japan Science and Technology Agency (JST)

FILE 'KOSMET' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 International Federation of the Societies of Cosmetics Chemists

FILE 'LIFESCI' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'MEDICONF' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 FAIRBASE Datenbank GmbH, Hannover, Germany

FILE 'MEDLINE' ENTERED AT 09:09:28 ON 09 APR 2004

FILE 'NIOSHTIC' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 U.S. Secretary of Commerce on Behalf of the U.S. Government

FILE 'NTIS' ENTERED AT 09:09:28 ON 09 APR 2004
Compiled and distributed by the NTIS, U.S. Department of Commerce.
It contains copyrighted material.
All rights reserved. (2004)

FILE 'NUTRACEUT' ENTERED AT 09:09:28 ON 09 APR 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

```
FILE 'OCEAN' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'PASCAL' ENTERED AT 09:09:28 ON 09 APR 2004
Any reproduction or dissemination in part or in full,
by means of any process and on any support whatsoever
is prohibited without the prior written agreement of INIST-CNRS.
COPYRIGHT (C) 2004 INIST-CNRS. All rights reserved.

FILE 'PCTGEN' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 WIPO

FILE 'PHAR' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHARMAML' ENTERED AT 09:09:28 ON 09 APR 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'PHIC' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHIN' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PROMT' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Gale Group. All rights reserved.

FILE 'RDISCLOSURE' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Kenneth Mason Publications Ltd.

FILE 'SCISEARCH' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT 2004 THOMSON ISI

FILE 'SYNTHLINE' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'TOXCENTER' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 ACS

FILE 'USPATFULL' ENTERED AT 09:09:28 ON 09 APR 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 09:09:28 ON 09 APR 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'VETB' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'VETU' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIDS' ENTERED AT 09:09:28 ON 09 APR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s ABC transporter
  30 FILES SEARCHED...
L1       25841 ABC TRANSPORTER

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING IS APPROXIMATELY   4% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  14% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  20% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  32% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  37% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  42% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  48% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  78% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  83% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  91% COMPLETE FOR L1
```

```
PROCESSING IS APPROXIMATELY  97% COMPLETE FOR L1
PROCESSING COMPLETED FOR L1
L2        14321 DUP REM L1 (11520 DUPLICATES REMOVED)

=> S L2 AND amyloid precursor protein
  11 FILES SEARCHED...
  14 FILES SEARCHED...
  21 FILES SEARCHED...
  27 FILES SEARCHED...
  31 FILES SEARCHED...
  41 FILES SEARCHED...
L3           41 L2 AND AMYLOID PRECURSOR PROTEIN

=> D L3 1-41

L3    ANSWER 1 OF 41  BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN    2003-03017  BIOTECHDS
TI    Regulating expression of   ***amyloid***     ***precursor***
        ***protein***   in a cell, useful in preventing or treating neurological
      disease, e.g. Alzheimer's disease, comprises regulating the expression or
      activity of an ATP-binding cassette transporter;
         protein expression regulation, vector expression in host cell, sense
         and antisense oligonucleotide use in disease therapy and gene therapy
AU    REINER P B; CONNOP B P; POLLARD M
PA    ACTIVE PASS PHARM INC
PI    WO 2002064781 22 Aug 2002
AI    WO 2002-CA138 8 Feb 2002
PRAI  US 2001-309256 31 Jul 2001; US 2001-267975 9 Feb 2001
DT    Patent
LA    English
OS    WPI: 2002-667006 [71]

L3    ANSWER 2 OF 41  BIOTECHNO  COPYRIGHT 2004 Elsevier Science B.V. on STN
AN    2003:36899957   BIOTECHNO
TI    Expression of liver X receptor target genes decreases cellular amyloid
      .beta. peptide secretion
AU    Sun Y.; Yao J.; Kim T.-W.; Tall A.R.
CS    A.R. Tall, Department of Medicine, College of Physicians/Surgeons,
      Columbia University, New York, NY 10032, United States.
      E-mail: art1@columbia.edu
SO    Journal of Biological Chemistry, (25 JUL 2003), 278/30 (27688-27694), 40
      reference(s)
      CODEN: JBCHA3  ISSN: 0021-9258
DT    Journal; Article
CY    United States
LA    English
SL    English

L3    ANSWER 3 OF 41  BIOTECHNO  COPYRIGHT 2004 Elsevier Science B.V. on STN
AN    2003:36800094   BIOTECHNO
TI    22R-hydroxycholesterol and 9-cis-retinoic acid induce ATP-binding
      cassette transporter A1 expression and cholesterol efflux in brain cells
      and decrease amyloid .beta. secretion
AU    Koldamova R.P.; Lefterov I.M.; Ikonomovic M.D.; Skoko J.; Lefterov P.I.;
      Isanski B.A.; DeKosky S.T.; Lazo J.S.
CS    R.P. Koldamova, Dept. of Pharmacology, E-1358 Biomedical Science Tower,
      Univ. of Pittsburgh Sch. of Medicine, Pittsburgh, PA 15261, United
      States.
      E-mail: radak@pitt.edu
SO    Journal of Biological Chemistry, (11 APR 2003), 278/15 (13244-13256), 63
      reference(s)
      CODEN: JBCHA3  ISSN: 0021-9258
DT    Journal; Article
CY    United States
LA    English
SL    English

L3    ANSWER 4 OF 41  BIOTECHNO  COPYRIGHT 2004 Elsevier Science B.V. on STN
AN    2002:34308472   BIOTECHNO
TI    A low-density DNA microarray for analysis of markers in breast cancer
AU    Lacroix M.; Zammatteo N.; Remacle J.; Leclercq G.
CS    Prof. M. Lacroix, Lab. Jean-Claude Heuson De Cancerol., Institut Jules
      Bordet, Universite Libre de Bruxelles, 127 Boulevard de Waterloo, B-1000
      Bruxelles, Belgium.
      E-mail: labo.cancerologie.mammaire@bordet.be
SO    International Journal of Biological Markers, (2002), 17/1 (5-23), 32
```

reference(s)
CODEN: IBMAEP ISSN: 0393-6155
DT Journal; General Review
CY Italy
LA English
SL English

L3 ANSWER 5 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:937303 CAPLUS
DN 138:20443
TI Endocrine disruptor screening using DNA chips of endocrine disruptor-responsive genes
IN Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi; Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki, Yuki; Kato, Ikunoshin
PA Takara Bio Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 386 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002355079	A2	20021210	JP 2002-69354	20020313
PRAI	JP 2001-73183	A	20010314		
	JP 2001-74993	A	20010315		
	JP 2001-102519	A	20010330		

L3 ANSWER 6 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:674679 CAPLUS
DN 137:212030
TI Protein and cDNA sequences of human ATP-binding cassette transporter ABCA9 and their uses in diagnosis and therapy
IN Chen, Hongyun; Le Bihan, Stephane; Nathwani, Parimal S.; Connop, Bruce P.
PA Active Pass Pharmaceuticals, Inc., Can.
SO U.S. Pat. Appl. Publ., 46 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002123106	A1	20020905	US 2002-90454	20020304
	WO 2002070692	A2	20020912	WO 2002-CA275	20020304
	WO 2002070692	A3	20030410		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI	US 2001-273618P	P	20010305
	US 2001-309096P	P	20010731
	US 2001-315687P	P	20010828

L3 ANSWER 7 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:241334 CAPLUS
DN 136:257275
TI Method and composition for modulating amyloidosis
IN Reiner, Peter B.; Lam, Fred Chiu-Lai
PA Can.
SO U.S. Pat. Appl. Publ., 38 pp., Cont.-in-part of U.S. Ser. No. 67,523, abandoned.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002037843	A1	20020328	US 1998-177413	19981023
	US 6514686	B2	20030204		
	WO 2000024390	A1	20000504	WO 1999-US23885	19991014

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	EP 1123090	A1	20010816	EP 1999-954894	19991014
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002528411	T2	20020903	JP 2000-578000	19991014
	AU 762593	B2	20030626	AU 2000-11128	19991014
	US 6660725	B1	20031209	US 2000-643511	20000822
PRAI	US 1997-847616	B2	19970428		
	US 1998-67523	B2	19980428		
	US 1998-177413	A2	19981023		
	WO 1999-US23885	W	19991014		

L3 ANSWER 8 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:290832 CAPLUS
DN 132:318003
TI Method and composition for modulating amyloidosis
IN Reiner, Peter B.; Lam, Fred Chiu-lai
PA The University of British Columbia, Can.
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000024390	A1	20000504	WO 1999-US23885	19991014
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2002037843	A1	20020328	US 1998-177413	19981023
	US 6514686	B2	20030204		
	EP 1123090	A1	20010816	EP 1999-954894	19991014
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002528411	T2	20020903	JP 2000-578000	19991014
	AU 762593	B2	20030626	AU 2000-11128	19991014
PRAI	US 1998-177413	A2	19981023		
	US 1997-847616	B2	19970428		
	US 1998-67523	B2	19980428		
	WO 1999-US23885	W	19991014		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:719248 CAPLUS
DN 130:510
TI Method and composition for modulating amyloidosis
IN Reiner, Peter B.; Lam, Fred Chiu-lai
PA The University of British Columbia, Can.
SO PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9848784	A2	19981105	WO 1998-US8463	19980428
	WO 9848784	A3	19990812		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
AU 9872603 A1 19981124 AU 1998-72603 19980428
EP 979086 A2 20000216 EP 1998-919923 19980428
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI
JP 2002504895 T2 20020212 JP 1998-547254 19980428
PRAI US 1997-847616 A2 19970428
WO 1998-US8463 W 19980428

L3 ANSWER 10 OF 41 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 2003:44222 DISSABS Order Number: AAINQ75112
TI Regulation of beta-amyloid secretion in vitro through p-glycoprotein
AU Lam, Fred Chiu-Lai [Ph.D.]; Reiner, Peter B. [advisor]
CS The University of British Columbia (Canada) (2500)
SO Dissertation Abstracts International, (2002) Vol. 63, No. 12B, p. 5698. Order No.: AAINQ75112. 134 pages.
ISBN: 0-612-75112-0.
DT Dissertation
FS DAI
LA English

L3 ANSWER 11 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98349 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74352
DESC Human ***ABC*** ***transporter*** ABCG1 SEQ ID NO 10.

L3 ANSWER 12 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98348 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74351
DESC Human ***ABC*** ***transporter*** ABCG4 SEQ ID NO 9.

L3 ANSWER 13 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98347 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74350

DESC Human ***ABC*** ***transporter*** ABCA2 SEQ ID NO 8.

L3 ANSWER 14 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98346 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74349
DESC Human ***ABC*** ***transporter*** ABCB1 SEQ ID NO 7.

L3 ANSWER 15 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98345 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74348
DESC Human ***ABC*** ***transporter*** ABCB9 SEQ ID NO 6.

L3 ANSWER 16 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABV74352 DNA DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR P-PSDB: ABB98349
DESC Human ***ABC*** ***transporter*** ABCG1 encoding polynucleotide SEQ ID NO 5.

L3 ANSWER 17 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABV74351 DNA DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR P-PSDB: ABB98348
DESC Human ***ABC*** ***transporter*** ABCG4 encoding polynucleotide SEQ ID NO 4.

L3 ANSWER 18 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABV74350 DNA DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR P-PSDB: ABB98347
DESC Human ***ABC*** ***transporter*** ABCA2 encoding polynucleotide SEQ ID NO 3.

L3 ANSWER 19 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABV74349 DNA DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR P-PSDB: ABB98346
DESC Human ***ABC*** ***transporter*** ABCB1 encoding polynucleotide SEQ ID NO 2.

L3 ANSWER 20 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABV74348 DNA DGENE
TI Regulating expression of ***amyloid*** ***precursor*** ***protein*** in a cell, useful in preventing or treating neurological disease, e.g. Alzheimer's disease, comprises regulating the expression or activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR P-PSDB: ABB98345
DESC Human ***ABC*** ***transporter*** ABCB9 encoding polynucleotide SEQ ID NO 1.

L3 ANSWER 21 OF 41 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
AN 2002084819 EMBASE
TI Secretion, endocytosis, and protein quality control.
AU Pavelka M.; Roth J.
CS M. Pavelka, Inst. for Histology and Embryology, University of Vienna, 1090 Vienna, Austria. margit.pavelka@univie.ac.at
SO Histochemistry and Cell Biology, (2002) 117/2 (89).
ISSN: 0948-6143 CODEN: HCBIFP
CY Germany
DT Journal; Conference Article
FS 005 General Pathology and Pathological Anatomy
029 Clinical Biochemistry
LA English

L3 ANSWER 22 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX522073 GenBank (R)
GenBank ACC. NO. (GBN): AX522073

GenBank VERSION (VER): AX522073.1 GI:24410963
CAS REGISTRY NO. (RN): 467193-45-9
SEQUENCE LENGTH (SQL): 3201
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 24 Oct 2002
DEFINITION (DEF): Sequence 5 from Patent WO02064781.
SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
NUCLEIC ACID COUNT (NA): 728 a 823 c 838 g 812 t
REFERENCE: 1
AUTHOR (AU): Reiner,P.B.; Connop,B.P.; Pollard,M.
TITLE (TI): Regulation of ***amyloid*** ***precursor*** ***protein*** expression by modification of ***abc*** ***transporter*** expression or activity
JOURNAL (SO): Patent: WO 02064781-A 5 22-AUG-2002; Active Pass Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..3201	/organism="Homo sapiens" /db-xref="taxon:9606"

SEQUENCE (SEQ):

```
   1 gaattccggg atgtggaacg gtcgcaggag gctgctacaa gccccatgag caaggctgtt
  61 cccactgaca gagctttccc aggatgacag agagtgcgct ctgcctctct ggggtgtgct
 121 agcctacgag gggcaatcgt aaggcgaatg tcactgaaag aacacaagtg tccttaaaca
 181 tggactatct gggctttcta gtgctgaaat tcttcccact cccactgccc acttcccatt
 241 atataaaaaa cacagttgtt tcatgttttt gtttctttac tgtttttctt tgtttttgtt
 301 aagaatgcat tcatttattc aaaattgttt attgtagaat aatcaggcat tgcgtggatg
 361 aggtggtgtc cagcaacatg gaggccactg agacggacct gctgaatgga catctgaaaa
 421 aagtagataa taacctcacg gaagcccagc gcttctcctc cttgcctcgg agggcagctg
 481 tgaacattga attcagggac ctttcctatt cggttcctga aggaccctgg tggaggaaga
 541 aaggatacaa gaccctcctg aaaggaattt ccgggaagtt caatagtggt gagttggtgg
 601 ccattatggg tccttccggg gccgggaagt ccacgctgat gaacatcctg gctggataca
 661 gggagacggg catgaagggg gccgtcctca tcaacggcct gccccgggac ctgcgctgct
 721 tccggaaggt gtcctgctac atcatgcagg atgacatgct gctgccgcat ctcactgtgc
 781 aggaggccat gatggtgtcg gcacatctga agcttcagga gaaggatgaa ggcagaaggg
 841 aaatggtcaa ggagatactg acagcgctgg gcttgctgtc ttgcgccaac acgcggaccg
 901 ggagcctgtc aggtggtcag cgcaagcgcc tggccatcgc gctggagctg gtgaacaacc
 961 ctccagtcat gttcttcgat gagcccacca gcggcctgga cagcgcctcc tgcttccagg
1021 tggtctcgct gatgaaaggg ctcgctcaag ggggtcgctc catcatttgc accatccacc
1081 agcccagcgc caaactcttc gagctgttcg accagcttta cgtcctgagt caaggacaat
1141 gtgtgtaccg gggaaaagtc tgcaatcttg tgccatattt gagggatttg ggtctgaact
1201 gcccaaccta ccacaaccca gcagattttg tcatggaggt tgcatccggc gagtacggtg
1261 atcagaacag tcggctggtg agagcggttc gggagggcat gtgtgactca gaccacaaga
1321 gagacctcgg gggtgatgcc gaggtgaacc cttttctttg gcaccggccc tctgaagagg
1381 taaagcagac aaaacgatta aaggggttga gaaaggactc ctcgtccatg gaaggctgcc
1441 acagcttctc tgccagctgc ctcacgcagt tctgcatcct cttcaagagg accttcctca
1501 gcatcatgag ggactcggtc ctgacacacc tgcgcatcac ctcgcacatt gggatcggcc
1561 tcctcattgg cctgctgtac ttggggatcg ggaacgaagc caagaaggtc ttgagcaact
1621 ccggcttcct cttcttctcc atgctgttcc tcatgttcgc ggccctcatg cctactgttc
1681 tgacatttcc cctggagatg ggagtctttc ttcgggaaca cctgaactac tggtacagcc
1741 tgaaggccta ctacctggcc aagaccatgg cagacgtgcc ctttcagatc atgttcccag
1801 tggcctactg cagcatcgtg tactggatga cgtcgcagcc gtccgacgcc gtggcctttg
1861 tgctgtttgc cgcgctgggc accatgacct ccctggtggc acagtccctg ggcctgctga
1921 tcggagccgc ctccacgtcc ctgcaggtgg ccactttcgt gggcccagtg acagccatcc
1981 cggtgctcct gttctcgggg ttcttcgtca gcttcgacac catccccacg tacctacagt
2041 ggatgtccta catctcctat gtcaggtatg ggttcgaagg ggtcatcctc tccatctatg
2101 gcttagaccg ggaagatctg cactgtgaca tcgacgagac gtgccacttc cagaagtcgg
2161 aggccatcct gcgggagctg gacgtggaaa atgccaagct gtacctggac ttcatcgtac
2221 tcgggatttt cttcatctcc ctccgcctca ttgcctattt tgtcctcagg tacaaaatcc
2281 gggcagagag gtaaaacacc tgaatgccag gaaacaggaa gattagacac tgtggccgag
2341 ggcacgtcta gaatcgagga ggcaagcctg tgcccgaccg acgacacaga gactcttctg
2401 atccaacccc tagaaccgcg ttgggtttgt gggtgtctcg tgctcagcca ctctgcccag
2461 ctgggttgga tcttctctcc attccccttt ctagctttaa ctaggaagat gtaggcagat
2521 tggtggtttt ttttttttta acatacagaa ttttaaatac cacaactggg gcagaattta
2581 aagctgcaac acagctggtg atgagaggct tcctcagtcc agtcgctcct tagcaccagg
2641 caccgtgggt cctggatggg gaactgcaag cagcctctca gctgatgctg cgcagtcaga
2701 tgtctggtgg cagagagtcc gagcatggag cgattccatt ttatgactgt tgtttttcac
2761 attttcatct ttctaaggtg tgtctctttt ccaatgagaa gtcatttttg caagccaaaa
```

```
2821 gtcgatcaat cgcattcatt ttaagaaatt atacctttt agtacttgct gaagaatgat
2881 tcagggtaaa tcacatactt tgtttagaga ggcgaggggt ttaaccgagt cacccagctg
2941 gtctcataca tagacagcac ttgtgaagga ttgaatgcag gttccaggtg gagggaagac
3001 gtggacacca tctccactga gccatgcaga cattttaaa agctatacaa aaaattgtga
3061 gaagacattg gccaactctt tcaaagtctt tctttttcca cgtgcttctt attttaagcg
3121 aaatatattg tttgtttctt cctaaaaacg gaattctttt gctttttacc ctggaagaaa
3181 tactcataat agtagtagta g
```

L3 ANSWER 23 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX522072 GenBank (R)
GenBank ACC. NO. (GBN): AX522072
GenBank VERSION (VER): AX522072.1 GI:24410962
CAS REGISTRY NO. (RN): 467193-44-8
SEQUENCE LENGTH (SQL): 3455
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 24 Oct 2002
DEFINITION (DEF): Sequence 4 from Patent WO02064781.
SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo
NUCLEIC ACID COUNT (NA): 639 a 1097 c 920 g 799 t
REFERENCE: 1
AUTHOR (AU): Reiner,P.B.; Connop,B.P.; Pollard,M.
TITLE (TI): Regulation of ***amyloid*** ***precursor***
protein expression by modification of
abc ***transporter*** expression or
activity
JOURNAL (SO): Patent: WO 02064781-A 4 22-AUG-2002; Active Pass
Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..3455	/organism="Homo sapiens"
		/db-xref="taxon:9606"

SEQUENCE (SEQ):

```
   1 gccaccatgg cggagaaggc gctggaggcc gtgggctgtg gactagggcc gggggctgtg
  61 gccatggccg tgacgctgga ggacggggcg gaacccctg tgctgaccac gcacctgaag
 121 aaggtggaga accacatcac tgaagcccag cgcttctccc acctgcccaa gcgctcagcc
 181 gtggacatcg agttcgtgga gctgtcctat tccgtgcggg aggggccctg ctggcgcaaa
 241 aggggttata agacccttct caagtgcctc tcaggtaaat tctgccgccg ggagctgatt
 301 ggcatcatgg gcccctcagg ggctggcaag tctacattca tgaacatctt ggcaggatac
 361 agggagtctg gaatgaaggg gcagatcctg gttaatggaa ggccacggga gctgaggacc
 421 ttccgcaaga tgtcctgcta catcatgcaa gatgacatgc tgctgccgca cctcacggtg
 481 ttggaagcca tgatggtctc tgctaacctg aatcttactg agaatcccga tgtgaaaaac
 541 gatctcgtga cagagatcct gacggcactg ggcctgatgt cgtgctccca cacgaggaca
 601 gccctgctct ctggcgggca gaggaagcgt ctggccatcg ccctggagct ggtcaacaac
 661 ccgcctgtca tgttctttga tgagcccacc agtggtctgg atagcgcctc ttgtttccaa
 721 gtggtgtccc tcatgaagtc cctggcacag gggggccgta ccatcatctg caccatccac
 781 cagcccagtg ccaagctctt tgagatgttt gacaagctct acatcctgag ccagggtcag
 841 tgcatcttca aaggagtggt caccaacctg atcccctatc taaagggact cggcttgcat
 901 tgccccacct accacaaccc ggctgacttc atcatcgagg tggcctctgg cgagtatgga
 961 gacctgaacc ccatgttgtt cagggctgtg cagaatgggc tgtgcgctat ggctgagaag
1021 aagagcagcc ctgagaagaa cgaggtccct gccccatgcc ctccttgtcc tccggaagtg
1081 gatcccattg aaagccacac ctttgccacc agcaccctca cacagttctg catcctcttc
1141 aagaggacct tcctgtccat cctcagggac acggtcctga cccacctacg gttcatgtcc
1201 cacgtggtta ttggcgtgct catcggcctc ctctacctgc atattggcga cgatgccagc
1261 aaggtcttca acaacaccgg ctgcctcttc ttctccatgc tgttcctcat gttcgccgcc
1321 ctcatgccaa ctgtgctcac cttcccctta gagatggcgg tcttcatgag ggagcacctc
1381 aactactggt acagcctcaa agcgtattac ctggccaaga ccatggctga cgtgcccttt
1441 caggtggtgt gtccggtggt ctactgcagc attgtgtact ggatgacggg ccagcccgct
1501 gagaccagcc gcttcctgct cttctcagcc ctggccaccg ccaccgcctt ggtggcccaa
1561 tctttggggc tgctgatcgg agctgcttcc aactccctac aggtggccac ttttgtgggc
1621 ccagttaccg ccatccctgt cctcttgttc tccggcttct ttgtcagctt caagaccatc
1681 cccacttacc tgcaatggag ctcctatctc tcctatgtca ggtatggctt tgagggtgtg
1741 atcctgacga tctatggcat ggagcgagga gacctgacat gtttagagga acgctgcccg
1801 ttccgggagc cacagagcat cctccgagcg ctggatgtgg aggatgccaa gctctacatg
1861 gacttcctgg tcttgggcat cttcttccta gccctgcggc tgctggccta ccttgtgctg
1921 cgttaccggg tcaagtcaga gagatagagg cttgccccag cctgtacccc agcccctgca
1981 gcaggaagcc cccagtccca gccctttggg actgttttaa ccttatagac ttgggcactg
2041 gttcctggcg gggctatcct ctcctccctt ggctcctcca caggctggct gtcggactgc
```

```
2101 gctcccagcc tgggctctgg gagtgggggc tccagccctc cccactatgc ccaggagtct
2161 tcccaagttg atgcggtttg tagcttcctc cctactctct ccaacacctg catgcaaaga
2221 ctactgggag gctgctgcct ccttcctgcc catggcaccc tcctctgctg tctgcctggg
2281 agccctaggc tctctagggc cccacttaca actgaccaaa gtggcccccc ctgggggtcc
2341 ccaccacaca agtgtttgta aactgggctg ctataaggtt ggagttccag ggctgggccc
2401 tggtggagtc cactggaagt cccattatgg atgttgaaat ggacagggaa ggactctgga
2461 agtctcttcc tcctcctcct cttctctcca cccctagacc ctggctgact tggacaatct
2521 gccaggacag aagctgggtt ttctgtctag gtcaccactc ccaatcctgg ggattggaga
2581 ggcctggggc tgtgggatgc cccatcccc tccccatcac ctttggtggg ggcagggcct
2641 ggtggcacct gtgcaataat gtctgtgttt ctctcccacc tgccactgga actggagaat
2701 gcactttatt ctgggcgggg ggtgagtggg ggaagaccca accctccttt ctcgctgccc
2761 ctaacgcatg cacggtctcg tgatgctccc tccctctccg gagtgacagg cacatacatg
2821 agaacaggcc atctcagccc tacacacttg ccatccccta cagcacagag gaagagtgat
2881 ggtggcatgc tggtggtggc gggtgctggt gggaggacag tgccaacctc ctcctgggga
2941 tcccatgttg gagactctaa ggataaggct ggtgctgccc agggtgtcta caggaactgc
3001 aggtgtctac ccccaagtct tccctcctcc caagccaggg gtggcacagg gcactagatc
3061 cctggagttc aggaaccaac acaagcacaa ccacgggcat aagttggcct tggccactgc
3121 cacccacggc cctccttttg tgctccatgc tggcatcttc actcccctac cccttcccca
3181 gccactgctg ctcattcaaa cttctgtcca tgtccctcca ctgttcctat cagcaggtgg
3241 cccctgggca tcagaacagc ctgccctggg caccaggtgg cagacacact cagagcatgt
3301 ctggctttcc tggtgggtcc aggctcattc tgcttctgat ttcccctccc ccagggctca
3361 ttttcccccc ttttcctgta cacatccctg tctacctcct ctcaccctgc cacagattct
3421 tcctatcaca cagggatgcc agttgtattt gtggg
```

L3 ANSWER 24 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

```
LOCUS (LOC):              AX522071     GenBank (R)
GenBank ACC. NO. (GBN):   AX522071
GenBank VERSION (VER):    AX522071.1  GI:24410961
CAS REGISTRY NO. (RN):    467193-43-7
SEQUENCE LENGTH (SQL):    8056
MOLECULE TYPE (CI):       DNA; linear
DIVISION CODE (CI):       Patent
DATE (DATE):              24 Oct 2002
DEFINITION (DEF):         Sequence 3 from Patent WO02064781.
SOURCE:                   human.
 ORGANISM (ORGN):         Homo sapiens
                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                          Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                          Hominidae; Homo
NUCLEIC ACID COUNT (NA): 1461 a   2694 c   2416 g   1485 t
REFERENCE:                1
   AUTHOR (AU):           Reiner,P.B.; Connop,B.P.; Pollard,M.
   TITLE (TI):            Regulation of   ***amyloid***     ***precursor***
                            ***protein***   expression by modification of
                            ***abc***     ***transporter***   expression or
                          activity
   JOURNAL (SO):          Patent: WO 02064781-A 3 22-AUG-2002; Active Pass
                          Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):
  Feature Key       Location                Qualifier
================+=======================+=================================
source            1..8056                 /organism="Homo sapiens"
                                          /db-xref="taxon:9606"

SEQUENCE (SEQ):
     1 cgcgcagagg agcgggccgc ggcgctgagg cggcggagcg tggccccgcc atgggcttcc
    61 tgcaccagct gcagctgctg ctctggaaga acgtgacgct caaacgccgg agcccgtggg
   121 tcctggcctt cgagatcttc atccccctgg tgctgttctt tatcctgctg gggctgcgac
   181 agaagaagcc caccatctcc gtgaaggaag tccccttcta cacagcggcg cccctgacgt
   241 ctgccggcat cctgcctgtc atgcaatcgc tgtgcccgga cggccagcga gacgagttcg
   301 gcttcctgca gtacgccaac tccacggtca cgcagctgct tgagcgcctg gaccgcgtgg
   361 tggaggaagg caacctgttt gacccagcgc ggcccagcct gggctcagag ctcgaggccc
   421 tacgccagca tctggaggcc ctcagtgcgg gcccgggcac ctcggggagc cacctggaca
   481 gatccacagt gtcttccttc tctctggact cggtggccag aaacccgcag gagctctggc
   541 gtttcctgac gcaaaacttg tcgctgccca atagcacggc ccaagcactc ttggccgccc
   601 gtgtggaccc gcccgaggtc taccacctgc tctttggtcc ctcatctgcc ctggattcac
   661 agtctggcct ccacaagggt caggagccct ggagccgcct agggggcaat cccctgttcc
   721 ggatggagga gctgctgctg gctcctgccc tcctggagca gctcacctgc acgccgggct
   781 cgggggagct gggccggatc ctcactgtgc ctgagagtca gaagggagcc ctgcagggct
   841 accgggatgc tgtctgcagt gggcaggctg ctgcgcgtgc caggcgcttc tctgggctgt
   901 ctgctgagct ccggaaccag ctggacgtgg ccaaggtctc ccagcagctg ggcctggatg
   961 cccccaacgg ctcggactcc tcgccacagg cgccaccccc acggaggctg caggcgcttc
  1021 tgggggacct gctggatgcc cagaaggttc tgcaggatgt ggatgtcctg tcggccctgg
  1081 ccctgctact gccccagggt gcctgcactg gccggacccc cggacccccа gccagtggtg
```

1141 cgggtggggc ggccaatggc actggggcag gggcagtcat gggccccaac gccaccgctg
1201 aggagggcgc accctctgct gcagcactgg ccaccccgga cacgctgcag ggccagtgct
1261 cagccttcgt acagctctgg gccggcctgc agcccatctt gtgtggcaac aaccgcacca
1321 ttgaacccga ggcgctgcgg cggggcaaca tgagctccct gggcttcacg agcaaggagc
1381 agcggaacct gggcctcctc gtgcacctca tgaccagcaa ccccaaaatc ctgtacgcgc
1441 ctgcgggctc tgaggtcgac cgcgtcatcc tcaaggccaa cgagactttt gcttttgtgg
1501 gcaacgtgac tcactatgcc caggtctggc tcaacatctc ggcggagatc cgcagcttcc
1561 tggagcaggg caggctgcag caacacctgc gctggctgca gcagtatgta gcagagctgc
1621 ggctgcaccc cgaggcactg aacctgtcac tggatgagct gccgccggcc ctgagacagg
1681 acaacttctc gctgcccagt ggcatggccc tcctgcagca gctggatacc attgacaacg
1741 cggcctgcgg ctggatccag ttcatgtcca aggtgagcgt ggacatcttc aagggcttcc
1801 ccgacgagga gagcattgtc aactacaccc tcaaccaggc ctaccaggac aacgtcactg
1861 tttttgccag tgtgatcttc cagacccgga aggacggctc gctcccgcct cacgtgcact
1921 acaagatccg ccagaactcc agcttcaccg agaaaaccaa cgagatccgc cgcgcctact
1981 ggcggcctgg gcccaatact ggcggccgct tctacttcct ctacggcttc gtctggatcc
2041 aggacatgat ggagcgcgcc atcatcgaca cttttgtggg gcacgacgtg gtggagccag
2101 gcagctacgt gcagatgttc ccctaccct gctacacacg cgatgacttc ctgtttgtca
2161 ttgagcacat gatgccgctg tgcatggtga tctcctgggt ctactccgtg gccatgacca
2221 tccagcacat cgtggcggag aaggagcacc ggctcaagga ggtgatgaag accatgggcc
2281 tgaacaacgc ggtgcactgg gtggcctggt tcatcaccgg ctttgtgcag ctgtccatct
2341 ccgtgacagc actcaccgcc atcctgaagt acggccaggt gcttatgcac agccacgtgg
2401 tcatcatctg gctcttcctg gcagtctacg cggtggccac catcatgttc tgcttcctgg
2461 tgtctgtgct gtactccaag gccaagctgg cctcggcctg cggtggcatc atctacttcc
2521 tgagctacgt gccctacatg tacgtggcga tccgagagga ggtggcgcat gataagatca
2581 cggccttcga gaagtgcatc gcgtccctca tgtccacgac ggcctttggt ctgggctcta
2641 agtacttcgc gctgtatgag gtggccggcg tgggcatcca gtggcacacc ttcagccagt
2701 ccccggtgga gggggacgac ttcaacttgc tcctggctgt caccatgctg atggtggacg
2761 ccgtggtcta tggcatcctc acgtggtaca ttgaggctgt gcacccaggc atgtacgggc
2821 tgccccggcc ctggtacttc ccactgcaga agtcctactg gctgggcagt gggcggacag
2881 aagcctggga gtggagctgg ccgtgggcac gcacccccg cctcagtgtc atggaggagg
2941 accaggcctg tgccatggag agccggcgct ttgaggagac ccgtggcatg gaggaggagc
3001 ccacccacct gcctctggtt gtctgcgtgg acaaactcac caaggtctac aaggacgaca
3061 agaagctggc cctgaacaag ctgagcctga acctctacga gaaccaggtg gtctccttct
3121 tgggccacaa cggggcgggc aagaccacca ccatgtccat cctgaccggc ctgttccctc
3181 caacgtcggg ttccgccacc atctacgggc acgacatccg cacggagatg gatgagatcc
3241 gcaagaacct gggcatgtgc ccgcagcaca atgtgctctt tgaccggctc acggtggagg
3301 aacacctctg gttctactca cggctcaaga gcatggctca ggaggagatc cgcagagaga
3361 tggacaagat gatcgaggac ctggagctct ccaacaaacg gcactcactg gtgcagacat
3421 tgtcgggtgg catgaagcgc aagctgtccg tggccatcgc cttcgtgggc ggctctcgcg
3481 ccatcatcct ggacgagccc acggcgggcg tggacccctа cgcgcgccgc gccatctggg
3541 acctcatcct gaagtacaag ccaggccgca ccatccttct gtccacccac cacatggatg
3601 aggctgacct gcttggggac cgcattgcca tcatctccca tgggaagctc aagtgctgcg
3661 gctccccgct cttcctcaag ggcacctatg gcgacgggta ccgcctcacg ctggtcaagc
3721 ggcccgccga gccgggggcc ccccaagagc cagggctggc atccagcccc ccaggtcggg
3781 ccccgctgag cagctgctcc gagctccagg tgtcccagtt catccgcaag catgtggcct
3841 cctgcctgct ggtctcagac acaagcacgg agctctccta catcctgccc agcgaggccg
3901 ccaagaaggg ggctttcgag cgcctcttcc agcacctgga gcgcagcctg gatgcactgc
3961 acctcagcag cttcgggctg atggacacga ccctggagga agtgttcctc aaggtgtcgg
4021 aggaggatca gtcgctggag aacagtgagg ccgatgtgaa ggagtccagg aaggatgtgc
4081 tccctggggc ggagggcccg gcgtctgggg agggtcacgc tggcaatctg gcccggtgct
4141 cggagctgac ccagtcgcag gcatcgctgc agtcggcgtc atctgtgggc tctgcccgtg
4201 gcgacgaggg agctggctac accgacgtct atggcgacta ccgccccctc tttgataacc
4261 cacaggaccc agacaatgtc agcctgcaag aggtggaggc agaggccctg tcgagggtcg
4321 gccagggcag ccgcaagctg gacggcgggt ggctgaaggt gcgccagttc cacgggctgc
4381 tggtcaaacg cttccactgc gcccgccgca actccaaggc actcttctcc cagatcttgc
4441 tgccagcctt cttcgtctgc gtggccatga ccgtggccct gtccgtcccg gagattggtg
4501 atctgccccc gctggtcctg tcaccttccc agtaccacaa ctacacccag ccccgtggca
4561 atttcatccc ctacgccaac gaggagcgcc gcgagtaccg gctgcggcta tcgcccgacg
4621 ccagcccccа gcagctcgtg agcacgttcc ggctgccgtc gggggtgggt gccacctgcg
4681 tgctcaagtc tcccgccaac ggctcgctgg ggcccacgtt gaacctgagc agcggggagt
4741 cgcgcctgct ggcggctcgg ttcttcgaca gcatgtgtct ggagtccttc acacaggggc
4801 tgccactgtc caatttcgtg ccacccccac cctcgcccgc cccatctgac tcgccagcgt
4861 ccccggatga ggacctgcag gcctggaacg tctccctgcc gcccaccgct gggccagaaa
4921 tgtggacgtc ggcaccctcc ctgccgcgcc tggtacggga gcccgtccgc tgcacctgct
4981 ctgcgcaggg caccggcttc tcctgcccca gcagtgtggg cgggcacccg ccccagatgc
5041 gggtggtcac aggcgacatc ctgaccgaca tcaccggcca caatgtctct gagtacctgc
5101 tcttcacctc cgaccgcttc cgactgcacc ggtatggggc catcaccttt ggaaacgtcc
5161 tgaagtccat cccagcctca tttggcacca gggccccacc catggtgcgg aagatcgcgg
5221 tgcgcagggc tgcccaggtt ttctacaaca acaagggcta tcacagcatg cccacctacc
5281 tcaacagcct caacaacgcc atcctgcgtg ccaacctgcc caagagcaag ggcaacccgg
5341 cggcttacgg catcaccgtc accaaccacc ccatgaataa gaccagcgcc agcctctccc
5401 tggattacct gctgcagggc acggatgtcg tcatcgccat cttcatcatc gtggccatgt
5461 ccttcgtgcc ggccagcttc gttgtcttcc tcgtggccga gaagtccacc aaggccaagc
5521 atctgcagtt tgtcagcggc tgcaacccca tcatctactg gctggcgaac tacgtgtggg
5581 acatgctcaa ctacctggtc cccgctacct gctgtgtcat catcctgttt gtgttcgacc
5641 tgccggccta cacgtcgccc accaacttcc ctgccgtcct ctccctcttc ctgctctatg

```
5701 ggtggtccat cacgcccatc atgtacccgg cctccttctg gttcgaggtc cccagctccg
5761 cctacgtgtt cctcattgtc atcaatctct tcatcggcat caccgccacc gtggccacct
5821 tcctgctaca gctcttcgag cacgacaagg acctgaaggt tgtcaacagt tacctgaaaa
5881 gctgcttcct cattttcccc aactacaacc tgggccacgg gctcatggag atggcctaca
5941 acgagtacat caacgagtac tacgccaaga ttggccagtt tgacaagatg aagtccccgt
6001 tcgagtggga cattgtcacc cgcggactgg tggccatggc ggttgagggc gtcgtgggct
6061 tcctcctgac catcatgtgc cagtacaact tcctgcggcg gccacagcgc atgcctgtgt
6121 ctaccaagcc tgtggaggat gatgtggacg tggccagtga gcggcagcga gtgctccggg
6181 gagacgccga caatgacatg gtcaagattg agaacctgac caaggtctac aagtcccgga
6241 agattggccg tatcctggcc gttgaccgcc tgtgcctggg tgtgcgtcct ggcgagtgct
6301 tcgggctcct gggcgtcaac ggtgcgggca agaccagcac cttcaagatg ctgaccggcg
6361 acgagagcac gacggggggc gaggccttcg tcaatggaca cagcgtgctg aaggagctgc
6421 tccaggtgca gcagagcctc ggctactgcc cgcagtgtga cgcgctgttc gacgagctca
6481 cggcccggga gcacctgcag ctgtacacgc ggctgcgtgg gatctcctgg aaggacgagg
6541 cccgggtggt gaagtgggct ctggagaagc tggagctgac caagtacgca gacaagccgg
6601 ctggcaccta cagcggcggc aacaagcgga agctctccac ggccatcgcc ctcattgggt
6661 acccagcctt catcttcctg gacgagccca ccacaggcat ggaccccaag gcccggcgct
6721 tcctctggaa cctcatcctc gacctcatca agacagggcg ttcagtggtg ctgacatcac
6781 acagcatgga ggagtgcgag gcgctgtgca cgcggctggc catcatggtg aacggtcgcc
6841 tgcggtgcct gggcagcatc cagcacctga agaaccggtt tggagatggc tacatgatca
6901 cggtgcggac caagagcagc cagagtgtga aggacgtggt gcggttcttc aaccgcaact
6961 tcccggaagc catgctcaag gagcggcacc acacaaaggt gcagtaccag ctcaagtcgg
7021 agcacatctc gctggcccag gtgttcagca agatggagca ggtgtctggc gtgctgggca
7081 tcgaggacta ctcggtcagc cagaccacac tggacaatgt gttcgtgaac tttgccaaga
7141 agcagagtga caacctggag cagcaggaga cggagccgcc atccgcactg cagtcccctc
7201 tcggctgctt gctcagcctg ctccggcccc ggtctgcccc cacggagctc cgggcacttg
7261 tggcagacga gcccgaggac ctggacacgg aggacgaggg cctcatcagc ttcgaggagg
7321 agcgggccca gctgtccttc aacacggaca cgctctgctg accacccaga gctgggccag
7381 ggaggacacg ctccactgac cacccagagc tgggccaggg actcaacaat ggggacagaa
7441 gtcccccagt gcctgccagg gcctggagtg gaggttcagg accaaggggc ttctggtcct
7501 ccagcccctg tactcggcca tgccctgcgg tcactgcggt tgccgcccct aattgtgcca
7561 aaggctgacc cggcccgggc tgcgtacacc cttgccctgc tttgccttaa agcctcgggg
7621 tctgcccggc ccctcgcccc tgcctggcac tgctcaccgc ccaaggcgac gccggctgga
7681 ccaggcactg ctggcctttc tcctgcccgg cctcggaacc agcttttctc tcttacgatg
7741 aaggctgatg ccgagagcgg gctgtgggcg gagctgggtc agtcccgtat ttattttgct
7801 ttgagaagag gctcctctgg ccctgctctc ctgcagggag gtggctgtcc cgcgggaagc
7861 catcagcttg ggccagctgg caggtggcag gaatggagaa gctgaccctg ctggccaggc
7921 aaggggccag acccccccca acccccagct gccatcgctc tcccacccag cttggccccc
7981 tgcccgccca cctccctggg agccgggcct gtacatagcg cacagatgtt tgttttaaat
8041 aaataaacaa aatgtc
```

L3 ANSWER 25 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

```
LOCUS (LOC):              AX522070     GenBank (R)
GenBank ACC. NO. (GBN):   AX522070
GenBank VERSION (VER):    AX522070.1  GI:24410960
CAS REGISTRY NO. (RN):    467193-42-6
SEQUENCE LENGTH (SQL):    4643
MOLECULE TYPE (CI):       DNA; linear
DIVISION CODE (CI):       Patent
DATE (DATE):              24 Oct 2002
DEFINITION (DEF):         Sequence 2 from Patent WO02064781.
SOURCE:                   human.
 ORGANISM (ORGN):         Homo sapiens
                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                          Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                          Hominidae; Homo
NUCLEIC ACID COUNT (NA): 1372 a   890 c   1130 g   1251 t
REFERENCE:                1
   AUTHOR (AU):           Reiner,P.B.; Connop,B.P.; Pollard,M.
   TITLE (TI):            Regulation of   ***amyloid***     ***precursor***
                            ***protein***   expression by modification of
                            ***abc***     ***transporter***   expression or
                          activity
   JOURNAL (SO):          Patent: WO 02064781-A 2 22-AUG-2002; Active Pass
                          Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):
  Feature Key       Location                  Qualifier
==============+======================+=================================
source          1..4643                   /organism="Homo sapiens"
                                          /db-xref="taxon:9606"

SEQUENCE (SEQ):
     1 cctactctat tcagatattc tccagattcc taaagattag agatcatttc tcattctcct
    61 aggagtactc acttcaggaa gcaaccagat aaaagagagg tgcaacggaa gccagaacat
```

```
 121 tcctcctgga aattcaacct gtttcgcagt ttctcgagga atcagcattc agtcaatccg
 181 ggccgggagc agtcatctgt ggtgaggctg attggctggg caggaacagc gccggggcgt
 241 gggctgagca cagcgcttcg ctctctttgc cacaggaagc ctgagctcat tcgagtagcg
 301 gctcttccaa gctcaaagaa gcagaggccg ctgttcgttt cctttaggtc tttccactaa
 361 agtcggagta tcttcttcca agatttcacg tcttggtggc cgttccaagg agcgcgaggt
 421 cgggatggat cttgaagggg accgcaatgg aggagcaaag aagaagaact tttttaaact
 481 gaacaataaa agtgaaaaag ataagaagga aaagaaacca actgtcagtg tattttcaat
 541 gtttcgctat tcaaattggc ttgacaagtt gtatatggtg gtgggaactt tggctgccat
 601 catccatggg gctggacttc ctctcatgat gctggtgttt ggagaaatga cagatatctt
 661 tgcaaatgca ggaaatttag aagatctgat gtcaaacatc actaatagaa gtgatatcaa
 721 tgatacaggg ttcttcatga atctggagga agacatgacc aggtatgcct attattacag
 781 tggaattggt gctggggtgc tggttgctgc ttacattcag gtttcatttt ggtgcctggc
 841 agctggaaga caaatacaca aaattagaaa acagtttttt catgctataa tgcgacagga
 901 gataggctgg tttgatgtgc acgatgttgg ggagcttaac acccgactta cagatgatgt
 961 ctccaagatt aatgaaggaa ttggtgacaa aattggaatg ttctttcagt caatggcaac
1021 atttttcact gggtttatag taggatttac acgtggttgg aagctaaccc ttgtgatttt
1081 ggccatcagt cctgttcttg gactgtcagc tgctgtctgg gcaaagatac tatcttcatt
1141 tactgataaa gaactcttag cgtatgcaaa agctggagca gtagctgaag aggtcttggc
1201 agcaattaga actgtgattg catttggagg acaaaagaaa gaacttgaaa ggtacaacaa
1261 aaatttagaa gaagctaaaa gaattgggat aaagaaagct attacagcca atatttctat
1321 aggtgctgct ttcctgctga tctatgcatc ttatgctctg gccttctggt atgggaccac
1381 cttggtcctc tcaggggaat attctattgg acaagtactc actgtatttt ctgtattaat
1441 tggggctttt agtgttggac aggcatctcc aagcattgaa gcatttgcaa atgcaagagg
1501 agcagcttat gaaatcttca agataattga taataagcca agtattgaca gctattcgaa
1561 gagtgggcac aaaccagata atattaaggg aaatttggaa ttcagaaatg ttcacttcag
1621 ttacccatct cgaaaagaag ttaagatctt gaagggtctg aacctgaagg tgcagagtgg
1681 gcagacggtg gccctggttg gaaacagtgg ctgtgggaag agcacaacag tccagctgat
1741 gcagaggctc tatgacccca cagaggggat ggtcagtgtt gatggacagg atattaggac
1801 cataaatgta aggtttctac gggaaatcat tggtgtggtg agtcaggaac ctgtattgtt
1861 tgccaccacg atagctgaaa acattcgcta tggccgtgaa aatgtcacca tggatgagat
1921 tgagaaagct gtcaaggaag ccaatgccta tgactttatc atgaaactgc ctcataaatt
1981 tgacaccctg gttggagaga gaggggccca gttgagtggt gggcagaagc agaggatcgc
2041 cattgcacgt gccctggttc gcaaccccaa gatcctcctg ctggatgagg ccacgtcagc
2101 cttggacaca gaaagcgaag cagtggttca ggtggctctg gataaggcca gaaaaggtcg
2161 gaccaccatt gtgatagctc atcgtttgtc tacagttcgt aatgctgacg tcatcgctgg
2221 tttcgatgat ggagtcattg tggagaaagg aaatcatgat gaactcatga aagagaaagg
2281 catttacttc aaacttgtca caatgcagac agcaggaaat gaagttgaat tagaaaatgc
2341 agctgatgaa tccaaaagtg aaattgatgc cttggaaatg tcttcaaatg attcaagatc
2401 cagtctaata agaaaaagat caactcgtag gagtgtccgt ggatcacaag cccaagacag
2461 aaagcttagt accaaagagg ctctggatga aagtatacct ccagtttcct tttggaggat
2521 tatgaagcta aatttaactg aatggcctta ttttgttgtt ggtgtatttt gtgccattat
2581 aaatggaggc ctgcaaccag catttgcaat aatattttca aagattatag gggtttttac
2641 aagaattgat gatcctgaaa caaaacgaca gaatagtaac ttgttttcac tattgtttct
2701 agcccttgga attatttctt ttattacatt tttccttcag ggtttcacat ttggcaaagc
2761 tggagagatc ctcaccaagc ggctccgata catggttttc cgatccatgc tcagacagga
2821 tgtgagttgg tttgatgacc ctaaaaacac cactggagca ttgactacca ggctcgccaa
2881 tgatgctgct caagttaaag gggctatagg ttccaggctt gctgtaatta cccagaatat
2941 agcaaatctt gggacaggaa taattatatc cttcatctat ggttggcaac taacactgtt
3001 actcttagca attgtaccca tcattgcaat agcaggagtt gttgaaatga aaatgttgtc
3061 tggacaagca ctgaaagata agaaagaact agaaggtgct gggaagatcg ctactgaagc
3121 aatagaaaac ttccgaaccg ttgtttcttt gactcaggag cagaagtttg aacatatgta
3181 tgctcagagt ttgcaggtac catacagaaa ctctttgagg aaagcacaca tctttggaat
3241 tacattttcc ttcacccagg caatgatgta tttttcctat gctggatgtt tccggtttgg
3301 agcctacttg gtggcacata aactcatgag ctttgaggat gttctgttag tattttcagc
3361 tgttgtcttt ggtgccatgg ccgtggggca agtcagttca tttgctcctg actatgccaa
3421 agccaaaata tcagcagccc acatcatcat gatcattgaa aaaacccctt tgattgacag
3481 ctacagcacg gaaggcctaa tgccgaacac attggaagga aatgtcacat ttggtgaagt
3541 tgtattcaac tatcccaccc gaccggacat cccagtgctt cagggactga gcctggaggt
3601 gaagaagggc cagacgctgg ctctggtggg cagcagtggc tgtgggaaga gcacagtggt
3661 ccagctcctg gagcggttct acgacccctt ggcagggaaa gtgctgcttg atggcaaaga
3721 aataaagcga ctgaatgttc agtggctccg agcacacctg ggcatcgtgt cccaggagcc
3781 catcctgttt gactgcagca ttgctgagaa cattgcctat ggagacaaca gccgggtggt
3841 gtcacaggaa gagattgtga gggcagcaaa ggaggccaac atacatgcct tcatcgagtc
3901 actgcctaat aaatatagca ctaaagtagg agacaaagga actcagctct ctggtggcca
3961 gaaacaacgc attgccatag ctcgtgccct tgttagacag cctcatattt tgcttttgga
4021 tgaagccacg tcagctctgg atacagaaag tgaaaaggtt gtccaagaag ccctggacaa
4081 agccagagaa ggccgcacct gcattgtgat tgctcaccgc ctgtccacca tccagaatgc
4141 agacttaata gtggtgtttc agaatggcag agtcaaggag catggcacgc atcagcagct
4201 gctggcacag aaaggcatct atttttcaat ggtcagtgtc caggctggaa caaagcgcca
4261 gtgaactctg actgtatgag atgttaaata ctttttaata tttgtttaga tatgacattt
4321 attcaaagtt aaaagcaaac acttacagaa ttatgaagag gtatctgttt aacatttcct
4381 cagtcaagtt cagagtcttc agagacttcg taattaaagg aacagagtga gagacatcat
4441 caagtggaga gaaatcatag tttaaactgc attataaatt ttataacaga attaaagtag
4501 attttaaaag ataaaatgtg taattttgtt tatattttcc catttggact gtaactgact
4561 gccttgctaa aagattatag aagtagcaaa aagtattgaa atgtttgcat aaagtgtcta
4621 taataaaact aaactttcat gtg
```

L3 ANSWER 26 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX522069 GenBank (R)
GenBank ACC. NO. (GBN): AX522069
GenBank VERSION (VER): AX522069.1 GI:24410959
CAS REGISTRY NO. (RN): 467193-41-5
SEQUENCE LENGTH (SQL): 3512
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 24 Oct 2002
DEFINITION (DEF): Sequence 1 from Patent WO02064781.
SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
NUCLEIC ACID COUNT (NA): 638 a 1134 c 1044 g 696 t
REFERENCE: 1
AUTHOR (AU): Reiner,P.B.; Connop,B.P.; Pollard,M.
TITLE (TI): Regulation of ***amyloid*** ***precursor*** ***protein*** expression by modification of ***abc*** ***transporter*** expression or activity
JOURNAL (SO): Patent: WO 02064781-A 1 22-AUG-2002; Active Pass Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..3512	/organism="Homo sapiens"
		/db-xref="taxon:9606"

SEQUENCE (SEQ):

```
     1 cgcccgggca ggtcagcctg tctcaaggca cgccagtctc agctccgacc ttgcagcggc
    61 gcagcgcggg tgggaggcgg ggaggagcag cgggaagagc ggagcgagga cccggtccgg
   121 cgcagtcttc aatgagcagc gcggaaactg caccccagac ccgagcctgc tgcgcgcccc
   181 ctcccagagc tcacctggtg ccaggtaaca ggcctggcct cgccctgtgg atgatgatgg
   241 ccttgccccc gtgagctaca acctggcctt cagcacccgc ccacctccaa ccagcaggat
   301 gcggctgtgg aaggcggtgg tggtgacttt ggccttcatg agtgtggaca tctgcgtgac
   361 cacggccatc tatgtcttca gccacctgga ccgcagcctc ctggaggaca tccgccactt
   421 caacatcttt gactcggtgc tggatctctg ggcagcctgc ctgtaccgca gctgcctgct
   481 gctgggagcc accattggtg tggccaagaa cagtgcgctg gggccccggc ggctgcgggc
   541 ctcgtggctg gtcatcaccc tcgtgtgcct cttcgtgggc atctatgcca tggtgaagct
   601 gctgctcttc tcagaggtgc gcaggcccat ccgggacccc tggttttggg ccctgttcgt
   661 gtggacgtac atttcactcg gcgcatcctt cctgctctgg tggctgctgt ccaccgtgcg
   721 gccaggcacc caggccctgg agccaggggc ggccaccgag gctgagggct tccctgggag
   781 cggccggcca ccgcccgagc aggcgtctgg ggccacgctg cagaagctgc tctcctacac
   841 caagcccgac gtggccttcc tcgtggccgc ctccttcttc ctcatcgtgg cagctctggg
   901 agagaccttc ctgccctact acacgggccg cgccattgat ggcatcgtca tccagaaaag
   961 catggatcag ttcagcacgg ctgtcgtcat cgtgtgcctg ctggccattg gcagctcatt
  1021 tgccgcaggt attcggggcg gcatttttac cctcatattt gccagactga acattcgcct
  1081 tcgaaactgt ctcttccgct cactggtgtc ccaggagaca agcttctttg atgagaaccg
  1141 cacaggggac ctcatctccc gcctgacctc ggacaccacc atggtcagcg acctggtctc
  1201 ccagaacatc aatgtcttcc tgcggaacac agtcaaggtc acgggcgtgg tggtcttcat
  1261 gttcagcctc tcatggcagc tctccttggt caccttcatg ggcttcccca tcatcatgat
  1321 ggtgtccaac atctacggca agtactacaa gaggctctcc aaagaggtcc agaatgccct
  1381 ggccagagcg agcaacacgg cggaggagac catcagtgcc atgaagactg tccggagctt
  1441 cgccaatgag gaggaggagg cagaggtgta cctgcggaag ctgcagcagg tgtacaagct
  1501 gaacaggaag gaggcagctg cctacatgta ctacgtctgg ggcagcgggc tcacactgct
  1561 ggtggtccag gtcagcatcc tctactacgg gggccacctt gtcatctcag gccagatgac
  1621 cagcggcaac ctcatcgcct tcatcatcta cgagtttgtc ctgggagatt gtatggagtc
  1681 cgtgggctcc gtctacagtg gcctgatgca gggagtgggg gctgctgaga aggtgttcga
  1741 gttcatcgac cggcagccga ccatggtgca cgatggcagc ttggcccccg accacctgga
  1801 gggccgggtg gactttgaga atgtgacctt cacctaccgc actcggcccc acacccaggt
  1861 cctgcagaat gtctccttca gcctgtcccc cggcaaggtg acggccctgg tggggccctc
  1921 gggcagtggg aagagctcct gtgtcaacat cctggagaac ttctaccccc tggaggggag
  1981 ccgggtgctg ctggacggca agcccatcag cgcctacgac cacaagtact tgcaccgtgt
  2041 gatctccctg gtgagccagg agcccgtgct gttcgcccgc tccatcacgg ataacatctc
  2101 ctacggcctg cccactgtgc ctttcgagat ggtggtggag gccgcacaga aggccaatgc
  2161 ccacggcttc atcatggaac tccaggacgg ctacagcaca gagacagggg agaagggcgc
  2221 ccagctgtca ggtggccaga agcagcgggt ggccatggcc cgggctctgg tgcggaaccc
  2281 cccagtcctc atcctggatg aagccaccag cgctttggat gccgagagcg agtatctgat
  2341 ccagcaggcc atccatggca acctgcagaa gcacacggta ctcatcatcg cgcaccggct
  2401 gagcaccgtg gagcacgcgc acctcattgt ggtgctggac aagggccgcg tagtgcagca
  2461 gggcacccac cagcagctgc tggcccaggg cggcctctac gccaagctgg tgcagcggca
```

2521 gatgctgggg cttcagcccg ccgcagactt cacagctggc cacaacgagc ctgtagccaa
2581 cggcagtcac aaggcctgat ggggggcccc tgcttctccc ggtggggcag aggacccggt
2641 gcctgcctgg cagatgtgcc cacggaggcc cccagctgcc ctccgagccc aggcctgcag
2701 cactgaaaga cgacctgcca tgtcccatgg atcaccgctt cctgcatctt gcccctggtc
2761 cctgccccat tcccagggca ctccttaccc ctgctgccct gagccaacgc cttcacggac
2821 ctccctagcc tcctaagcaa aggtagagct gccttttaa acctaggtct taccagggtt
2881 tttactgttt ggtttgaggc accccagtca actcctagat ttcaaaaacc tttttctaat
2941 tgggagtaat ggcgggcact ttcaccaaga tgttctagaa acttctgagc caggagtgaa
3001 tggcccttcc ttagtagcct gggggatgtc cagagactag gcctctcccc tttacccctc
3061 cagagaaggg gcttccctgt cccggaggga cacggggaac gggattttcc gtctctccct
3121 cttgccagct ctgtgagtct ggccagggcg ggtagggagc gtggagggca tctgtctgcc
3181 atcgcccgct gccaatctaa gccagtctca ctgtgaacca cacgaaacct caactggggg
3241 agtgaggggc tggccaggtc tggaggggcc tcaggggtgc ccagcccggc acccagcgct
3301 ttcgcccctc gtccacccac ccctggctgg cagcctccct ccccacaccc gcccctgtgc
3361 tctgctgtct ggaggccacg tggatgttca tgagatgcat tctcttctgt ctttggtgga
3421 tgggatggtg gcaaagccca ggatctggct ttgccagagg ttgcaacatg ttgagagaac
3481 ccggtcaata aagtgtacta cctcttaccc ct

L3 ANSWER 27 OF 41 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10225430 IFIPAT;IFIUDB;IFICDB
TI REGULATION OF ***AMYLOID*** ***PRECURSOR*** ***PROTEIN*** EXPRESSION BY MODIFICATION OF ***ABC*** ***TRANSPORTER*** EXPRESSION OR ACTIVITY
IN Connop Bruce P (CA); Pollard Michelle (CA); Reiner Peter B (CA)
PI US 2002169137 A1 20021114
AI US 2002-72621 20020208
PRAI US 2001-267975P 20010209 (Provisional)
US 2001-309256P 20010731 (Provisional)
FI US 2002169137 20021114
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 19
GI 1 Figure(s).
FIG. 1 is a schematic diagram indicating the cleavage sites and membrane orientation of APP, resulting in the production of A beta 1-40 and A beta 1-42.

L3 ANSWER 28 OF 41 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2000:176605 PROMT
TITLE: Active Pass Pharmaceuticals Establishes Scientific Advisory Board.
SOURCE: Business Wire, (6 Mar 2000) pp. 225.
PUBLISHER: Business Wire
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 682
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L3 ANSWER 29 OF 41 USPATFULL on STN
AN 2004:64491 USPATFULL
TI Transmembrane proteins
IN Warren, Bridget A, Encinitas, CA, UNITED STATES
Xu, Yuming, Mountain View, CA, UNITED STATES
Yue, Henry, Sunnyvale, CA, UNITED STATES
Batra, Sajeev, Oakland, CA, UNITED STATES
Burford, Neil, Durham, CT, UNITED STATES
Gandhi, Ameena R, San Francisco, CA, UNITED STATES
Chawla, Narinder K, Union City, CA, UNITED STATES
Arvizu, Chandra S, San Jose, CA, UNITED STATES
Tang, Y Tom, San Jose, CA, UNITED STATES
Lu, Dyung Aina M, San Jose, CA, UNITED STATES
Duggan, Brendan M, Sunnyvale, CA, UNITED STATES
Baughn, Mariah R, San Leandro, CA, UNITED STATES
Lee, Ernestine A, Castro Valley, CA, UNITED STATES
Khan, Farrah A, Glen View, IL, UNITED STATES
Nguyen, Danniel B, San Jose, CA, UNITED STATES
Azimzai, Yalda, Oakland, CA, UNITED STATES
Yao, Monique G, Carmel, IN, UNITED STATES
Lal, Preeti G, Santa Clara, CA, UNITED STATES
Thangavelu, Kavitha, Mountain View, CA, UNITED STATES
Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES
Tran, Bao, Santa Clara, CA, UNITED STATES
Ding, Li, Creve Coeur, MI, UNITED STATES
Au-Young, Janice K, Brisbane, CA, UNITED STATES

PI US 2004049010 A1 20040311
AI US 2003-415188 A1 20030423 (10)
WO 2001-US49670 20011026
DT Utility
FS APPLICATION
LN.CNT 7985
INCL INCLM: 530/350.000
INCLS: 536/023.500; 435/006.000; 435/069.100; 435/252.300; 435/320.100; 435/325.000
NCL NCLM: 530/350.000
NCLS: 536/023.500; 435/006.000; 435/069.100; 435/252.300; 435/320.100; 435/325.000
IC [7]
ICM: C07K014-705
ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06; C12N001-21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 30 OF 41 USPATFULL on STN
AN 2004:63735 USPATFULL
TI Molecules for diagnostics and therapeutics
IN Panzer, Scott R., Sunnyvale, CA, UNITED STATES
Spiro, Peter A., Palo Alto, CA, UNITED STATES
Banville, Steven C., Palo Alto, CA, UNITED STATES
Shah, Purvi, San Jose, CA, UNITED STATES
Chalup, Michael S., Sunnyvale, CA, UNITED STATES
Chang, Simon C, Mountain View, CA, UNITED STATES
Chen, Alice J., San Jose, CA, UNITED STATES
D'Sa, Steven A., East Palo, CA, UNITED STATES
Amshey, Stefan, San Francisco, CA, UNITED STATES
Dahl, Christopher E., Fremont, CA, UNITED STATES
Dam, Tam C., San Jose, CA, UNITED STATES
Daniels, Susan E., Palo Alto, CA, UNITED STATES
Dufour, Gerard E., Castro Valley, CA, UNITED STATES
Flores, Vincent, Union City, CA, UNITED STATES
Fong, Willy T., San Francisco, CA, UNITED STATES
Greenawalt, Lila B., San Jose, CA, UNITED STATES
Jackson, Jennifer L., Mountain View, CA, UNITED STATES
Jones, Anissa L., San Jose, CA, UNITED STATES
Liu, Tommy F., Daly City, CA, UNITED STATES
Lincoln, Ann M. Roseberry, Redwood City, CA, UNITED STATES
Rosen, Bruce H., Menlo Park, CA, UNITED STATES
Russo, Frank D., Rossette Court Sunnyvale, CA, UNITED STATES
Stockdreher, Theresa K., Sunnyvale, CA, UNITED STATES
Daffo, Abel, San Jose, CA, UNITED STATES
Wright, Rachel J., Mountain View, CA, UNITED STATES
Yap, Pierre E., Lafayette, CA, UNITED STATES
Yu, Jimmy Y., Fremont, CA, UNITED STATES
Bradley, Diana L., Soquel, CA, UNITED STATES
Bratcher, Shawn R., Mountain View, CA, UNITED STATES
Chen, Wensheng, Mountain View, CA, UNITED STATES
Cohen, Howard J., Palo Alto, CA, UNITED STATES
Hodgson, David M., Ann Arbor, MI, UNITED STATES
Lincoln, Stephen E., Redwood City, CA, UNITED STATES
Jackson, Stuart E., Mountain View, CA, UNITED STATES
PI US 2004048253 A1 20040311
AI US 2003-220120 A1 20030605 (10)
WO 2001-US6059 20010221
DT Utility
FS APPLICATION
LN.CNT 17872
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C07K014-47; A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 31 OF 41 USPATFULL on STN
AN 2004:18785 USPATFULL
TI Molecules for diagnostics and therapeutics
IN Hodgson, David M., Ann Arbor, MI, UNITED STATES
Lincoln, Stephen E., Potomac, MD, UNITED STATES
Russo, Frank D., Sunnyvale, CA, UNITED STATES
Albany, Peter A., Berkeley, CA, UNITED STATES

Banville, Steve C., Sunnyvale, CA, UNITED STATES
Bratcher, Shawn R., Mountain View, CA, UNITED STATES
Dufour, Gerard E., Castro Valley, CA, UNITED STATES
Cohen, Howard J., Palo Alto, CA, UNITED STATES
Rosen, Bruce H., Menlo Park, CA, UNITED STATES
Chalup, Michael S., Livingston, TX, UNITED STATES
Jackson, Jennifer L., Santa Cruz, CA, UNITED STATES
Jones, Anissa L., San Jose, CA, UNITED STATES
Yu, Jimmy Y., Fremont, CA, UNITED STATES
Greenawalt, Lila B., San Jose, CA, UNITED STATES
Panzer, Scott R., Sunnyvale, CA, UNITED STATES
Roseberry Lincoln, Ann M., Potomac, MD, UNITED STATES
Wright, Rachel J., Merivale, NEW ZEALAND
Daniels, Susan E., Mountain View, CA, UNITED STATES
PA Incyte Corporation, Palo Alto, CA, UNITED STATES (U.S. corporation)
PI US 2004014087 A1 20040122
AI US 2003-378029 A1 20030228 (10)
RLI Continuation-in-part of Ser. No. US 2001-980285, filed on 30 Nov 2001, PENDING A 371 of International Ser. No. WO 2000-US15404, filed on 31 May 2000, PENDING
PRAI US 1999-147500P 19990805 (60)
US 1999-147542P 19990805 (60)
US 1999-147541P 19990805 (60)
US 1999-147824P 19990805 (60)
US 1999-147547P 19990805 (60)
US 1999-147530P 19990805 (60)
US 1999-147536P 19990805 (60)
US 1999-147520P 19990805 (60)
US 1999-147527P 19990805 (60)
US 1999-147549P 19990805 (60)
US 1999-147377P 19990804 (60)
US 1999-147436P 19990804 (60)
US 1999-137411P 19990603 (60)
US 1999-137396P 19990603 (60)
US 1999-137417P 19990603 (60)
US 1999-137337P 19990603 (60)
US 1999-137173P 19990602 (60)
US 1999-137114P 19990602 (60)
US 1999-137259P 19990602 (60)
US 1999-137113P 19990602 (60)
US 1999-137260P 19990602 (60)
US 1999-137258P 19990602 (60)
US 1999-137109P 19990602 (60)
US 1999-137161P 19990601 (60)
DT Utility
FS APPLICATION
LN.CNT 14819
INCL INCLM: 435/006.000
INCLS: 435/007.100; 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/388.260; 536/023.200; 800/008.000
NCL NCLM: 435/006.000
NCLS: 435/007.100; 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/388.260; 536/023.200; 800/008.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; A01K067-00; C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 32 OF 41 USPATFULL on STN
AN 2004:12959 USPATFULL
TI Methods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases
IN Wohlgemuth, Jay, Palo Alto, CA, UNITED STATES
Fry, Kirk, Palo Alto, CA, UNITED STATES
Woodward, Robert, Pleasanton, CA, UNITED STATES
Ly, Ngoc, San Bruno, CA, UNITED STATES
PI US 2004009479 A1 20040115
AI US 2002-131827 A1 20020424 (10)
RLI Continuation-in-part of Ser. No. US 2001-6290, filed on 22 Oct 2001, PENDING
PRAI US 2001-296764P 20010608 (60)
DT Utility
FS APPLICATION
LN.CNT 19677
INCL INCLM: 435/006.000

NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 33 OF 41 USPATFULL on STN
AN 2004:7326 USPATFULL
TI Markers of neuronal differentiation and morphogenesis
IN Loring, Jeanne F., Foster City, CA, UNITED STATES
Kaser, Matthew R., Castro Valley, CA, UNITED STATES
PI US 2004005559 A1 20040108
AI US 2002-62674 A1 20020130 (10)
RLI Continuation-in-part of Ser. No. US 2000-625102, filed on 24 Jul 2000, ABANDONED
DT Utility
FS APPLICATION
LN.CNT 5725
INCL INCLM: 435/006.000
INCLS: 536/024.300
NCL NCLM: 435/006.000
NCLS: 536/024.300
IC [7]
ICM: C12Q001-68
ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 34 OF 41 USPATFULL on STN
AN 2003:194491 USPATFULL
TI Libraries of expressible gene sequences
IN Fernandez, Joseph Manuel, Carlsbad, CA, UNITED STATES
Heyman, John Alastair, Cardiff-by-the-Sea, CA, UNITED STATES
Hoeffler, James Paul, Carlsbad, CA, UNITED STATES
PA INVITROGEN CORPORATION (U.S. corporation)
PI US 2003134302 A1 20030717
AI US 2002-210985 A1 20020801 (10)
RLI Continuation of Ser. No. US 2001-3021, filed on 14 Nov 2001, PENDING
Continuation of Ser. No. US 1999-285386, filed on 2 Apr 1999, ABANDONED
PRAI US 1998-96981P 19980818 (60)
US 1998-80626P 19980403 (60)
DT Utility
FS APPLICATION
LN.CNT 9810
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 35 OF 41 USPATFULL on STN
AN 2003:173922 USPATFULL
TI Intercellular delivery of a herpes simplex virus VP22 fusion protein from cells infected with lentiviral vectors
IN Lai, Zhennan, N. Potomac, MD, UNITED STATES
Reiser, Jakob, New Orleans, LA, UNITED STATES
Brady, Roscoe O., Rockville, MD, UNITED STATES
PI US 2003119770 A1 20030626
AI US 2002-212634 A1 20020802 (10)
PRAI US 2001-310012P 20010802 (60)
DT Utility
FS APPLICATION
LN.CNT 2103
INCL INCLM: 514/044.000
INCLS: 424/093.200; 435/456.000; 435/320.100; 435/235.100
NCL NCLM: 514/044.000
NCLS: 424/093.200; 435/456.000; 435/320.100; 435/235.100
IC [7]
ICM: A61K048-00
ICS: C12N007-00; C12N015-867
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 36 OF 41 USPATFULL on STN
AN 2003:106252 USPATFULL
TI Libraries of expressible gene sequences

IN Fernandez, Joseph Manuel, Carlsbad, CA, UNITED STATES
Heyman, John Alastair, Cardiff-by-the-Sea, CA, UNITED STATES
Hoeffler, James Paul, Carlsbad, CA, UNITED STATES
PA INVITROGEN CORPORATION (U.S. corporation)
PI US 2003073163 A1 20030417
AI US 2001-3021 A1 20011114 (10)
RLI Continuation of Ser. No. US 1999-285386, filed on 2 Apr 1999, PENDING
PRAI US 1998-96981P 19980818 (60)
US 1998-80626P 19980403 (60)
DT Utility
FS APPLICATION
LN.CNT 9813
INCL INCLM: 435/069.100
INCLS: 435/183.000; 435/325.000; 435/320.100; 536/023.200; 435/006.000; 435/193.000
NCL NCLM: 435/069.100
NCLS: 435/183.000; 435/325.000; 435/320.100; 536/023.200; 435/006.000; 435/193.000
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C12N009-10; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 37 OF 41 USPATFULL on STN
AN 2003:57525 USPATFULL
TI Protein-protein interactions in adipocyte cells
IN Legrain, Pierre, Paris, FRANCE
Marullo, Stefano, Paris, FRANCE
Ralf, Jockers, Bures Sur Yvette, FRANCE
PI US 2003040089 A1 20030227
AI US 2002-38010 A1 20020102 (10)
PRAI US 2001-259377P 20010102 (60)
DT Utility
FS APPLICATION
LN.CNT 7738
INCL INCLM: 435/183.000
INCLS: 435/069.100; 435/007.100; 435/325.000; 435/320.100; 536/023.200; 702/019.000
NCL NCLM: 435/183.000
NCLS: 435/069.100; 435/007.100; 435/325.000; 435/320.100; 536/023.200; 702/019.000
IC [7]
ICM: G01N033-53
ICS: G06F019-00; G01N033-48; G01N033-50; C07H021-04; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 38 OF 41 USPATFULL on STN
AN 2000:102075 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor
IN Fowlkes, Dana Merriman, New York, NY, United States
Broach, Jim, New York, NY, United States
Manfredi, John, New York, NY, United States
Klein, Christine, New York, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, Palisades, NY, United States
Trueheart, Joshua, South Nyack, NY, United States
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S. corporation)
PI US 6100042 20000808
AI US 1994-322137 19941013 (8)
RLI Continuation-in-part of Ser. No. US 1994-309313, filed on 20 Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-190328, filed on 31 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993, now abandoned
DT Utility
FS Granted
LN.CNT 6899
INCL INCLM: 435/007.100
INCLS: 435/006.000; 435/252.300; 435/483.000
NCL NCLM: 435/007.100
NCLS: 435/006.000; 435/252.300; 435/483.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-53

EXF 435/6; 435/7.1; 435/172.3; 435/252.3; 435/483
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 39 OF 41 USPATFULL on STN
AN 2000:9723 USPATFULL
TI Unique nucleotide and amino acid sequence and uses thereof
IN Summers, Max D., Bryan, TX, United States
Braunagel, Sharon C., Bryan, TX, United States
Hong, Tao, Bryan, TX, United States
PA The Texas A & M University System, College Station, TX, United States (U.S. corporation)
PI US 6017734 20000125
AI US 1997-792832 19970130 (8)
RLI Continuation-in-part of Ser. No. US 1996-678435, filed on 3 Jul 1996, now abandoned
PRAI US 1995-955P 19950707 (60)
DT Utility
FS Granted
LN.CNT 7846
INCL INCLM: 435/069.700
INCLS: 435/091.400; 435/320.100; 435/348.000; 435/365.000; 536/023.100; 536/023.720; 536/024.100
NCL NCLM: 435/069.700
NCLS: 435/091.400; 435/320.100; 435/348.000; 435/365.000; 536/023.100; 536/023.720; 536/024.100
IC [6]
ICM: C07H021-00
ICS: C12N005-10; C12N015-33; C12N015-63
EXF 435/69.1; 435/69.7; 435/69.8; 435/172.1; 435/320.1; 435/325; 435/348; 435/365; 435/410; 435/91.4; 514/44; 536/23.1; 536/23.72; 536/24.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 40 OF 41 USPATFULL on STN
AN 1999:27415 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates and uses therefor
IN Fowlkes, Dana M., Chapel Hill, NC, United States
Broach, Jim, Princeton, NJ, United States
Manfredi, John, Ossining, NY, United States
Klein, Christine, Ossining, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, South Nyack, NY, United States
Trueheart, Joshua, South Nyack, NY, United States
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S. corporation)
PI US 5876951 19990302
AI US 1995-461598 19950605 (8)
RLI Continuation-in-part of Ser. No. US 1994-322137, filed on 13 Oct 1994 which is a continuation-in-part of Ser. No. US 1994-309313, filed on 20 Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-190328, filed on 31 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993, now abandoned
DT Utility
FS Granted
LN.CNT 6645
INCL INCLM: 435/007.310
INCLS: 435/254.110; 435/254.200; 435/254.210
NCL NCLM: 435/007.310
NCLS: 435/254.110; 435/254.200; 435/254.210
IC [6]
ICM: G01N033-53
EXF 435/4; 435/7.1; 435/64; 435/257.3; 435/320.1; 435/4.1; 435/7.31; 435/254.11; 435/254.2; 435/254.21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 41 OF 41 USPATFULL on STN
AN 1998:91815 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor
IN Fowlkes, Dana M., Chapel Hill, NC, United States
Broach, Jim, Princeton, NJ, United States
Manfredi, John, Ossining, NY, United States
Klein, Christine, Ossining, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, South Nyack, NY, United States

Trueheart, Joshua, South Nyack, NY, United States
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S. corporation)
PI US 5789184 19980804
AI US 1995-464531 19950605 (8)
RLI Continuation-in-part of Ser. No. US 1994-322137, filed on 13 Oct 1994 which is a continuation-in-part of Ser. No. US 1994-309313, filed on 20 Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-190328, filed on 31 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993, now abandoned
DT Utility
FS Granted
LN.CNT 6731
INCL INCLM: 435/007.310
INCLS: 435/254.110; 435/254.200; 435/254.210
NCL NCLM: 435/007.310
NCLS: 435/254.110; 435/254.200; 435/254.210; 435/DIG.007; 435/DIG.027
IC [6]
ICM: G01N033-53
EXF 435/4; 435/7.1; 435/64; 435/252.3; 435/320.1; 435/254.21; 435/254.2; 435/254.11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
STN INTERNATIONAL LOGOFF AT 09:26:28 ON 09 APR 2004